

Message Text

CONFIDENTIAL

PAGE 01 STATE 232261
ORIGIN EPA-02

INFO OCT-01 AF-10 ARA-10 EUR-12 EA-10 ISO-00 OES-07
PA-01 AGRE-00 EB-08 COME-00 L-03 /064 R

DRAFTED BY EPA/A-106:SVRASTONIS:DT
APPROVED BY OES/APT/BMP:JFRY
EPA/A-106:DOAKLEY
PA/A-106:ABPOPKIN
EUR/N
:EDJEREGIN EURWE :A
ARA AND VSEARGANT
ARA MEXHAIN
ARA/ECA/SMYLES
AF/S:WECTONNISON
OES/APT/BMP:ASCHAPMAN
OES/ENP/EN:HSPIELMAN
-----059347 281003Z /11

R 272044Z SEP 77
FM SECSTATE WASHDC
TO AMEMBASSY THE HAGUE
AMEMBASSY CARACAS
AMEMBASSY TOKYO
AMEMBASSY MADRID
AMEMBASSY PRETORIA
AMEMBASSY CANBERRA
AMEMBASSY LONDON
AMEMBASSY MEXICO
AMEMBASSY BRASILIA
AMEMBASSY BRUSSELS
AMEMBASSY BONN
AMEMBASSY LISBON

C O N F I D E N T I A L STATE 232261

E.O. 11652: N/A

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 STATE 232261

TAGS: SENV, NL, VE, JA, SP, SF, AS, UK, MX, BR, BE, GW, PO

SUBJECT: POLLUTION ABATEMENT INFORMATION IN MOLASSES
FERMENTATION INDUSTRIES

1. U.S. EPA IS SEEKING SUBJECT INFORMATION FOR USE IN ITS
CASE AGAINST RUM PRODUCERS IN PUERTO RICO AND THE VIRGIN

ISLANDS. NARRATIVE AND SPECIFIC QUESTIONS THAT FOLLOW SHOULD BE ADDRESSED TO APPROPRIATE ENVIRONMENTAL CONTROL AGENCIES IN THE RESPECTIVE COUNTRIES. SINCE EPA IS CURRENTLY IN ACTIVE LITIGATION, AMEMBASSY ASSISTANCE IN THIS MATTER IS MOST URGENT AND MUCH APPRECIATED. EPA WOULD APPRECIATE RESPONSE BY OCTOBER 7, 1977. EPA WILL RESPECT REQUESTS, IF RECEIVED, THAT PARTICULAR ITEMS OF INFORMATION PROVIDED BE TREATED AS CONFIDENTIAL.

EPA DESIRES INFORMATION ABOUT POLLUTION ABATEMENT FOR MOLASSES FERMENTATION INDUSTRIES SUCH AS RUM DISTILLATION, ALCOHOL MANUFACTURERS, YEAST MANUFACTURERS OR PRODUCERS OF PHARMACEUTICALS.

SPECIFICALLY DO ANY OF THEM USE EVAPORATIVE BYPRODUCT RECOVERY AS A MEANS OF POLLUTION ABATEMENT AND IF THEY DO, WHAT IS THE AMOUNT OF BOD IN THE VAPOR CONDENSATE?

EPA IS PARTICULARLY INTERESTED IN THE DEGREE OF POLLUTION ABATEMENT ACHIEVED BY THIS METHOD. THIS IS, IN THE RAW WASTE, AS WELL AS IN THE TREATED FINAL DISCHARGE, THE CONCENTRATION (MG BOD PER LITER) AND THE LOAD (KG BOD PER DAY). ANY OTHER INFO ON COD, TOC, ETC., IS ALSO APPRECIATED.

OTHER DESIRED INFO INCLUDES THE NAME OF EACH COMPANY, CONFIDENTIAL

CONFIDENTIAL

PAGE 03 STATE 232261

ITS LOCATION AND ITS PRODUCTION CAPACITY, FOR EXAMPLE, EXPRESSED AS LITERS OF PURE ETHYL ALCOHOL PER DAY OR AS THE DAILY QUANTITY OF PRODUCT AT THE CONCENTRATION (E.G. 100 PROOF ALCOHOL), OR IN THE FORM AT WHICH IT IS PRODUCED AND MEASURED. ALSO, WHAT TYPE OF MOLASSES, BEET OR CANE IS BEING FERMENTED.

IN THE SAME WAY, IF THE SPECIFIC MEASURE OF THE ABATEMENT BY MEANS OF EVAPORATION IS NOT AVAILABLE, THEN GENERAL DATA ABOUT THE POLLUTION ABATEMENT IN THE MOLASSES FERMENTATION INDUSTRIES WOULD BE APPRECIATED.

QUESTIONNAIRE ON POLLUTION ABATEMENT IN MOLASSES FERMENTATION INDUSTRY

1. NAME AND LOCATION OF FACILITY.
2. PRODUCT (RUM, ALCOHOL, YEAST, PHARMACEUTICALS)
3. RAW MATERIAL (BEET, CITRUS OR CANE MOLASSES)
4. PRODUCTION CAPACITY OF FACILITY (E.G., LITERS/DAY, KG/DAY, ETC. PLEASE INCLUDE, AS APPROPRIATE, PERCENT BY VOLUME OR PERCENT BY WEIGHT OF PRODUCT).
5. RAW BOD5 WASTE LOAD FROM PROCESS (BEFORE TREATMENT)

5 ROW BOD: WASTE LOAD FROM PROCESS(BEFORE TREATMENT)
EXPRESSED IN MG/1 BOD", KG OF BOD 5/DAY

6. IS EVAPORATIVE BYPRODUCT RECOVERY EMPLOYED AT THE
FACILITY AS A MEANS OF POLLUTION ABATEMENT? IF YES -
NUMBER OF EFFECTS OF EVAPORATION FACILITY. IS VAPOR
RECOMPRESSION USED?

7. IF THE ANSWER TO QUESTION 6 IS AFFIRMATIVE:

(A) HOW LONG HAS EVAPORATIVE RECOVERY BEEN EMPLOYED
AT THE FACILITY?

(B) IS THE BYPRODUCT MARKETED OR OTHERWISE DISPOSED OF?
CONFIDENTIAL

CONFIDENTIAL

PAGE 04 STATE 232261

FEED FOR LIVESTOCK, APPLIED AS FERTILIZER, ETC.

(C) WHAT IS THE CONCENTRATION OF BOD 5 IN THE VAPOUR
CONDENSATE FROM THE EVAPORATORS (MG/ 1)?

8. ARE ANY OTHER METHODS OF TREATMENT EMPLOYED (E.G.,
BIOLOGICAL TREATMENT - AEROBIC, ANAEROBIC)?

9. CONCENTRATION OF BOD 5(MG/1) AND LOADING OF BOD5
(KG/DAY) IN THE FINAL TREATED EFFLUENT. 5

2. GLOSSARY:

BOD" - FIVE DAY BIOCHEMICAL OXYGEN DEMAND - QUANTIFIABLE BY
5 CONCENTRATION MG/L (MILLIGRAMS PER LITER)AND BY
LOADING KG/DAY(DILOGRAM/DAY)

COD - CHEMICAL OXYGEN DEMAND

TOC - TOTAL ORGANIC CARBON VANCE

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: POLLUTION CONTROL, SWEETNERS, FOOD & DRUG REGULATIONS
Control Number: n/a
Copy: SINGLE
Sent Date: 27-Sep-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE232261
Document Source: CORE
Document Unique ID: 00
Drafter: 106:SVRASTONIS:DT
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
Film Number: D770352-1174
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770916/aaaaanjc.tel
Line Count: 157
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 36dc8c3b-c288-dd11-92da-001cc4696bcc
Office: ORIGIN EPA
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 07-Dec-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1114718
Secure: OPEN
Status: NATIVE
Subject: POLLUTION ABATEMENT INFORMATION IN MOLASSES FERMENTATION INDUSTRIES
TAGS: SENV, NL, VE, JA, SP, SF, AS, UK, MX, BR, BE, GE, PO
To: THE HAGUE CARACAS MULTIPLE
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/36dc8c3b-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009